Subject: Patriot Modifications

Appropriation Title: Missile Procurement, Army, 04/06; Procurement of Ammunition, Army, 04/06; Other Procurement, Army, 04/06; Research, Development, Test, and Evaluation, Air Force, 04/05; Research, Development, Test, and Evaluation, Army, 03/04; Other Procurement,

**DoD Serial Number:** FY 04-29 PA

Includes Transfer? Yes

Army, 03/04 and Research, Development, Test, and Evaluation, Army, 04/05

Component Serial Number:	(Amounts in Thousands of Douds)								
	Program Base Reflecting Congressional Action		Program Previously Approved by Sec Def		Reprogramming Action		Revised Program		
Line Item	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount	
a	b	С	d	e	f	g	h	i	

This reprogramming action is submitted for prior approval because it initiates a new start for Air-Ground Communications and exceeds thresholds. This action also involves congressional special interest items. This action transfers \$6.350 million from Procurement of Ammunition, Army, 04/06, appropriation, \$3.500 million from Other Procurement, Army, 04/06, appropriation, \$7.050 million from Research, Development, Test, and Evaluation, Army, 04/05, appropriation and \$7.050 million from Research, Development, Test, and Evaluation, Air Force, 04/05, appropriation to Missile Procurement, Army, 04/06 appropriation. In addition, this action transfers \$13.233 million from Other Procurement, Army, 03/05, appropriation to Research, Development, Test, and Evaluation, Army, 03/04, appropriation. Finally, this action realigns \$4.467 million within the Research, Development, Test, and Evaluation, Army, 03/04, appropriation. This action uses general transfer authority, pursuant to section 8005 of Public Law 108-87, the DoD Appropriations Act, 2004; and section 1001 of Public Law 108-136, the National Defense Authorization Act for FY 2004. This action uses general transfer authority, pursuant to section 8005 of Public Law 107-248, the DoD Appropriations Act, 2003; and section 1001 of Public Law 107-314, the Bob Stump National Defense Authorization Act for FY 2003. This action reprograms funding in support of a higher priority item, based on unforeseen military requirements, than that for which the funds were originally appropriated. It meets all administrative and legal requirements of the Congress and the Congress has not denied any of the items.

## FY 2004 REPROGRAMMING INCREASE:

Missile Procurement, Army, 04/06

+23,950

Budget Activity 3: Modification of Missiles

Patriot Mods 201,072

201,072 201,072

+23,950

225,022

Explanation: There were two incidents of fratricide involving the PATRIOT system during Operation Iraqi Freedom (OIF). To address these incidents, a number of modifications must be implemented to improve situational awareness, command and control, and communications; increase the range of data distribution; and enhance positive control. Included in these modifications is a new start procurement effort for Air-Ground Communications (\$4.8 million). These efforts are of the highest priority and this action will enable implementation of solutions to PATRIOT fratricide deficiencies.

Approved (Signature and Date)

APR 29 2004

<u>UNCLASSIFIED</u>

QUITUME

	KEPKUG	<u>RAMMIN</u>	IG ACTIO	<u> </u>	OR APPRO	<u>OVAL</u>		Page 2 of 3
Subject: Patriot Modific	cations						DoD Serial Nu	
Appropriation Title: Missile							FY 04-29	PA
04/06; Other Procurement, A	• /		_				Includes T	ransfer?
Force, 04/05; Research, Dev	-			-		ment,	Yes	5
Army, 03/04 and Research, I Component Serial Number:	Development	. Test, and E	<u>valuation, A</u> (A	mounts in Tho	usands of Dolla	urs)		
Component Serial Number.	Program Bas	Revised	vised Program					
	Congression	onal Action		by Sec Def	Reprogram			<u>-</u>
Line Item	Quantity	Amount	Quantity d	Amount e	Quantity f	Amount	Quantity	Amount
a		с	u		1	g		,
FY 2004 REPROGRAN	MMING DI	ECREASE	ES:			-23,95	0	
I I Zuu i Redi Routin	AIVAIT O D	SCHERIST	<u> </u>				<u>~</u>	
Procurement of Ammu	nition, Arn	ny, 04/06				-6,35	0	
Budget Activity 2: Amm			ase Suppor	<u>1</u>			_	
Maintenance of Inactive								
		9,592		9,592		-3,13	2	6,460
Explanation: The FY 20 costs to the Operation an transfers the mission beg	d Maintena	nce, Army	appropriat	tion. Cons	istent with	that pro	posal, this ac	
			0		ing avanao	10 101 111	misior.	
Layaway of Inactive Indu	ıstrial Facil	ities	S		ing availab	10 101 111	more.	
Layaway of Inactive Indu	ustrial Facil	ities 12,923	Ü	12,923		-3,21		9,705
Explanation: The FY 20 costs involved in the dispartment of the Army appropriation. Co	005 Presider posal of Arr nsistent wit	12,923 nt's Budget ny's non-B h that prop	proposes BRAC Indu osal, this a	12,923 transfer of astrial prop	certain Lay	-3,21 yaway of e Operat	8 Inactive Faction and Mair	cilities
Explanation: The FY 20 costs involved in the disp	005 Presider posal of Arr insistent wit ng available rmy, 04/06	12,923 nt's Budget ny's non-E h that prop for transfe	proposes BRAC Indu osal, this a	12,923 transfer of astrial prop	certain Lay	-3,21 yaway of e Operat	8 Inactive Faction and Mainginning in F	cilities
Explanation: The FY 20 costs involved in the disp Army appropriation. Co making the above fundin  Other Procurement, Ar Budget Activity 3: Othe	005 Presider posal of Arr insistent wit ng available rmy, 04/06	12,923 nt's Budget ny's non-E h that prop for transfe	proposes BRAC Indu osal, this a	12,923 transfer of astrial prop	certain Lay erties to the efers the mi	-3,21 yaway of e Operat ission be	8 Inactive Faction and Mainginning in F	cilities
Explanation: The FY 20 costs involved in the dispartment of Army appropriation. Comaking the above funding the Procurement, Ar Budget Activity 3: Othe	005 Presider posal of Arr onsistent wit ng available rmy, 04/06 or Support E	12,923 nt's Budget my's non-E h that prop for transfe quipment 113,037	proposes BRAC Indu osal, this a	12,923 transfer of estrial prop action trans	certain Lay erties to the sfers the mi	-3,21 yaway of e Operate ission be -3,50	8 Inactive Faction and Mainginning in F	cilities ntenance, Y 2004,
Explanation: The FY 20 costs involved in the dispartment of Army appropriation. Comaking the above funding the above funding the Army Armourement, Armourement, Armourement of Explanation: Funds are a Explanation:	005 Presider posal of Arr nsistent wit ng available rmy, 04/06 r Support E	12,923  at's Budget my's non-B h that prop for transfe  quipment  113,037  are to delay	proposes and proposes and proposes and proposes and proposes are also and proposes are	12,923 transfer of strial propaction trans	certain Lay erties to the sfers the mi	-3,21 yaway of e Operate ission be -3,50	8 Inactive Faction and Mainginning in F  0 mercial Intru	cilities ntenance, Y 2004,
Explanation: The FY 20 costs involved in the dispart Army appropriation. Comaking the above funding the Procurement, Army Budget Activity 3: Other Physical Security  Explanation: Funds are a Detection System.	005 President posal of Arronsistent with ng available rmy, 04/06 or Support E	12,923  at's Budget my's non-B h that prop for transfe  quipment  113,037  ae to delay  Evaluation	proposes of BRAC Industrials and the instantant for	12,923 transfer of astrial propaction trans 157,037 allation of	certain Lay erties to the efers the mi	-3,21 yaway of the Operate sission be the -3,50 -3,50 ted Com7,05	8 Inactive Faction and Mainginning in F  0 mercial Intru	cilities ntenance, Y 2004,

Explanation: The funds are available from inflation savings based on revised escalation indices.

REPROGRAMMING ACTION - PRIOR APPROVAL Unclassified Page 3 of 3 **DoD Serial Number:** Subject: Patriot Modifications Appropriation Title: Missile Procurement, Army, 04/06; Procurement of Ammunition, Army, FY 04-29 PA 04/06; Other Procurement, Army, 04/06; Research, Development, Test, and Evaluation, Air **Includes Transfer?** Force, 04/05; Research, Development, Test, and Evaluation, Army, 03/04; Other Procurement, Yes Army, 03/04 and Research, Development, Test, and Evaluation, Army, 04/05 (Amounts in Thousands of Dollars) Component Serial Number: **Revised Program Program Base Reflecting Program Previously** Reprogramming Action **Congressional Action** Approved by Sec Def Quantity Amount Amount **Ouantity** Amount Quantity Amount Quantity Line Item f h d b FY 2003 REPROGRAMMING INCREASE: +17,700Research, Development, Test, and Evaluation, Army 03/04 +17,700Budget Activity 7: Operational System Development 0203801A Missile/Air Defense Product Improvement Program 43,479 +17,70061,179 43,479 Explanation: To further address the causes of the fratricide incidents mentioned above, research and development is required to develop software changes to correct Patriot deficiencies in the areas of classification, correlation, and operations in areas of increased electro-magnetic interference. Included in this research and development is a new start effort for Air-Ground Communications (\$4.5 million). These efforts are of the highest priority and this action will enable implementation of solutions to PATRIOT fratricide deficiencies. FY 2003 REPROGRAMMING DECREASES: -17,700 Other Procurement, Army, 03/05 -13,233 Budget Activity 3: Other Support Equipment 286,223 -3,233 282,990 Physical Security Systems 300,556 Explanation: Funds are available due to delay in the installation of the Integrated Commercial Intrusion Detection System. -10,000 14.746 Tractor, Full Tracked 24.886 24,746 Explanation: Funds are available due to program termination. Research, Development, Test, and Evaluation, Army, 03/04 -4,467 Budget Activity 7: Operational System Development Combat Vehicle Improvement Program 86,002 86,002 81.535 -4,467

Explanation: Funds are available due to cancellation of the LV-100 tank engine program for failure to meet

performance goals.